Vidit Purohit

Scholar No.: 211112432

Bachelor of Technology

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EDUCATION

•Bachelor of Technology in Computer Science and Engineering *2021-25*

Maulana Azad National Institute of Technology, Bhopal CGPA: 8.27/10

EXPERIENCE

•SJTech Solutions PVT. LTD. *05/2024 - present*

Machine Learning Intern

- Conducted comprehensive Exploratory Data Analysis on the Electoral Bonds Dataset (2019-2024) and developed models to detect anomalies in time series data.
- Engineered a system to bypass reCaptcha using human-like behavior with a web driver and Playwright, scraping websites efficiently and setting up real-time notifications for new uploads.
- Performed neighborhood segmentation and clustering using the Foursquare API. Developed optimized search functions for extracting keywords in PDFs, enhancing search efficiency.

PERSONAL PROJECTS

•DocQuery AI *July, 2024 - present*

It's an advanced chatbot using RAG model for intelligent PDF querying with user friendly GUI. [GitHub]

- Leveraged advanced technologies like Hugging Face embeddings for precise text representation, FAISS for rapid similarity search, and Groq API integration with the Llama model to deliver contextual answers.
- Technologies Used: React.js, Flask, Tailwind CSS, Hugging Face, FAISS, Groq API, Llama Model, etc.

•Dark Pattern Buster *Dec, 2023 - Feb, 2024*

User friendly browser extension which helps in detecting dark patterns on e-commerce websites. [GitHub]

- The built-in API classifies texts seen on e-commerce websites to different dark pattern types with an accuracy of 96.10 percent with K-fold cross validation.
- Technologies Used: Flask, HTML, CSS, Webscrapping, Data augmentation with Gen-AI, Training on various classification models like SVM, Ensemble Learning, BERT, etc.

•WorldWise Project *Dec, 2023 - Jan, 2024*

With this project, users can track and save their worldwide travelings. [GitHub]

- This project includes a variety of features including mapping your global travels, seamless integration with interactive maps, tracking dates, adding detailed descriptions, and more.
- Technologies Used : JavaScript, CSS, HTML, ReactJs, ContextAPI, API integration, etc.

POSITION OF RESPONSIBILITY

• Zenith- The Programming Club of MANIT *02/2024 - present*

Coordinator

- Oversee the club's regular activities, including monthly coding contests, workshops, and seminars with a team size of over 150 students.

• Indian Society For Technical Education *06/2023 - present*

Core Team Member

- Managed public relations activities at National level throughout the year and directed a team of over 50 members along with organizing hackathons, codathons, workshops and talk-shows with overall participation of 40,000+ students.

• Roobaro- Cultural Society of MANIT *08/2022 - 10/2023*

Dancer

- Regularly participated in different cultural programmes as a dancer and as an event organizer.

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Python

Machine Learning tools: EDA, Sklearn, Feature Engineering, Clustering, Classification, Regression, NLP, Deep Learning, Web Scrapping, Playwright, Time Series Data Analysis

Web Development Tools: ReactJs, Tailwind, Flask, Git, Github

Cloud/Databases: Firebase, MySQL

Relevent Coursework: DSA, Operating System, OOPs, Machine Learning, Computer Networks.

Soft Skills: Problem Solving, Leadership, Team Management

ACHIEVEMENTS

• 500+ Questions on Leetcode [profile]

• AIR 13004 in JEE ADVANCED 2021

• AIR 9112 in JEE MAINS 2021